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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 70 For Week Ended December 29, 1989 NO. 52

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/29/89	Last Week Ending: 12/22/89	Last Year Week Ending: 12/30/88	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,36.	14,004	13,467	-1,644	-1,107
Operable capacity	15,591	15,591	15,922	0	-331
Percent operated	79.3	89.8	84.6		
Motor Gasoline					
Total motor gasoline production	6,084	6,945	7,232	-861	-1,148
Finished leaded motor gasoline production	345	481	1,048	-136	-703
Finished unleaded motor gasoline production	5,739	6,464	6,184	-725	-445
Total motor gasoline stocks	216,932	221,720	228,627	-4,788	-11,695
Finished leaded motor gasoline stocks	17,667	18,297	40,571	-630	-22,904
Finished unleaded motor gasoline stocks	161,761	166,090	148,873	-4,329	12,888
Jet Fuel Kerosine					
Jet fuel kerosine production	983	1,260	1,346	-277	-363
Jet fuel kerosine stocks	36,290	40,081	37,808	-3,791	-1,518
Distillate Fuel Oil					
Distillate fuel oil production	3,118	3,498	3,109	-380	9
Distillate fuel oil stocks	108,189	112,186	126,764	-3,997	-18,575
Residual Fuel Oil					
Residual fuel oil production	1,117	1,239	1,086	-122	31
Residual fuel oil stocks	44,016	46,312	45,069	-2,296	-1,053
Imports					
Crude oil imports	4,926	6,165	5,746	-1,239	-820
Product imports	2,224	1,788	2,653	436	-429
Crude Oil Stocks					
Crude oil stocks	341,804	342,014	334,416	-210	7,388
Crude Supply Balance	-85				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,425	1,263	1,264	1,325	95.4
Appal. No. 1	117	105	105	124	84.7
DISTRICT 1 TOTAL	1,542	1,368	1,369	1,449	94.5
Ind., Ill., Ky.	2,059	1,915	1,922	2,198	87.4
Minn., Wisc., Daks.	332	324	328	337	97.3
Okla., Kans., Mo.	708	639	649	730	88.9
DISTRICT 2 TOTAL	3,099	2,878	2,899	3,265	88.8
Inland Texas	538	508	511	555	92.1
Texas Gulf Coast	2,920	2,673	2,673	3,477	76.9
La. Gulf Coast	1,707	1,561	1,578	2,938	53.7
N. La. and Ark.	158	143	144	247	58.3
New Mexico	76	75	75	76	98.7
DISTRICT 3 TOTAL	5,399	4,960	4,981	7,293	68.3
DISTRICT 4 TOTAL	483	455	455	546	83.3
DISTRICT 5 TOTAL	2,692	2,570	2,656	3,038	87.4
TOTAL U.S.	13,215	12,231	12,360	15,591	79.3
TOTAL U.S. Weeks Ended:					
DEC. 22, 1989	14,787	13,822	14,004	15,591	89.8
DEC. 30, 1988	14,745	13,362	13,467	15,922	84.6
DISTRICTS 1-4 Weeks Ended:					
DEC. 29, 1989	10,523	9,661	9,704	12,553	77.3
DEC. 22, 1989	12,114	11,209	11,330	12,553	90.3
DEC. 30, 1988	11,977	10,680	10,743	12,691	84.7

API WEEKLY STATISTICAL BULLETIN

Week Ended December 29, 1989

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	595	8	587	11	56	406	211
Appal. No. 1	37	3	34	--	--	38	4
DISTRICT 1 TOTAL	632	11	621	11	56	444	215
Ind., Ill., Ky.	1,131	11	1,120	3	71	524	98
Minn., Wisc., Daks.	167	11	156	--	15	84	12
Okla., Kans., Mo.	308	36	272	9	43	191	11
DISTRICT 2 TOTAL	1,606	58	1,548	12	129	799	121
Inland Texas	284	41	243	28	38	125	18
Texas Gulf Coast	1,390	41	1,349	24	217	720	230
La. Gulf Coast	700	--	700	26	152	360	135
N. La. and Ark.	56	--	56	4	--	48	12
New Mexico	43	15	28	11	2	17	1
DISTRICT 3 TOTAL	2,473	97	2,376	93	409	1,270	396
DISTRICT 4 TOTAL	223	71	152	10	32	99	12
DISTRICT 5 TOTAL	1,150	108	1,042	53	357	506	373
TOTAL U.S.	6,084	345	5,739	179	983	3,118	1,117
TOTAL U.S. Weeks Ended:							
DEC. 22, 1989	6,945	481	6,464	239	1,260	3,498	1,239
DEC. 30, 1988	7,232	1,048	6,184	205	1,346	3,109	1,086
DISTRICTS 1-4 Weeks Ended:							
DEC. 29, 1989	4,934	237	4,697	126	626	2,612	744
DEC. 22, 1989	5,777	267	5,510	184	893	3,053	798
DEC. 30, 1988	6,012	812	5,200	142	963	2,665	731

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,845	1	3,843	1	46	281	3,035	987	--
Central Atlantic	27,378	67	23,064	4,247	578	4,003	20,591	16,297	11,244
Lower Atlantic	29,108	944	27,930	234	501	4,618	14,297	2,372	577
DISTRICT 1 TOTAL	60,331	1,012	54,837	4,482	1,125	8,902	37,923	19,656	11,821
DISTRICT 2 TOTAL	59,063	6,014	44,976	8,073	1,045	6,793	29,425	3,311	17,159*
DISTRICT 3 TOTAL	59,482	2,838	41,736	14,908	1,963	13,211	25,880	13,130	51,238
DISTRICT 4 TOTAL	7,560	2,052	3,304	2,204	373	789	3,111	482	2,493
DISTRICT 5 TOTAL	30,496	5,751	16,908	7,837	1,403	6,595	11,850	7,437	21,416
TOTAL U.S.	216,932	17,667	161,761	37,504	5,909	36,290	108,189	44,016	104,127
TOTAL U.S. Weeks Ended:									
DEC. 22, 1989	221,720	18,297	166,090	37,333	5,946	40,081	112,186	46,312	105,581*
DEC. 30, 1988	228,627	40,571	148,873	39,183	6,313	37,808	126,764	45,069	99,730
DISTRICTS 1-4 Weeks Ended:									
DEC. 29, 1989	186,436	11,916	144,853	29,667	4,506	29,695	96,339	36,579	82,711
DEC. 22, 1989	191,729	12,288	149,559	29,882	4,540	32,980	101,026	37,524	83,546*
DEC. 30, 1988	195,954	33,956	131,598	30,400	4,066	31,101	113,806	36,478	76,569

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

WEEKLY STATISTICAL BULLETIN
Week Ended December 29, 1989

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy August 19[illegible]	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
DEC. 29, 1989	4,549.0	4,628.0	4,747	638	255,504
DEC. 22, 1989	4,549.0	--	5,830*	648	256,895*
DEC. 15, 1989	4,549.0	--	6,048	669	259,787
DEC. 8, 1989	4,549.0	--	5,499	679	262,796
DISTRICT 5 TOTAL					
DEC. 29, 1989	2,951.0	2,876.0	179	25	86,300 $
DEC. 22, 1989	2,951.0	--	335*	29*	85,119*
DEC. 15, 1989	2,951.0	--	384	15	87,993
DEC. 8, 1989	2,951.0	--	200	9	80,867
TOTAL U.S.					
DEC. 29, 1989	7,500.0	7,504.0	4,926	663	341,804 $
DEC. 22, 1989	7,500.0	--	6,165*	677*	342,014*
DEC. 15, 1989	7,500.0	--	6,432	684	347,780
DEC. 8, 1989	7,500.0	--	5,699	688	343,663
DEC. 30, 1988	7,942.0 a/	--	5,746	667	334,416

$INCLUDES 23,631 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for December 1988.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1988 Averages Absolute	1988 Averages Positive	1988 Averages Negative
DEC. 29, 1989	-85	445	472	-372

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
DEC. 29, 1989	13,263	69,020	160,939	12,282	255,504	86,300 $	341,804 $
DEC. 22, 1989	12,646	71,493	160,737*	12,019	256,895*	85,119*	342,014*
DEC. 30, 1988	15,899	70,520	157,005	11,803	255,227	79,189	334,416

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	95	--	95	--	--	--	64	1	3	--	--	163
Central Atlantic	191	--	191	55	--	50	201*	514*	16	100	15	1,142*
Lower Atlantic	81	--	81	--	--	35	43	121	--	--	--	280
DISTRICT 1 TOTAL												
DEC. 29, 1989	367	--	367	55	--	85	308	636	19	100	15	1,585
DEC. 22, 1989	348	--	348	7	--	56	408*	308*	14	145	7	1,293*
DEC. 15, 1989	340	21	319	89	--	112	431*	619	26	45	117	1,779*
DEC. 8, 1989	366	--	366	91	--	37	151	443	87	154	61	1,390
DISTRICTS 2-4 TOTAL												
DEC. 29, 1989	11	--	11	--	3	96	15	25	153	55	229	587
DEC. 22, 1989	10	--	10	3	3	28	19	10	160	205	2	440
DEC. 15, 1989	7	--	7	34	3	80	18	19	173	98	75	507
DEC. 8, 1989	7	--	7	6	3	13	10	29	215	144	95	522
DISTRICT 5 TOTAL												
DEC. 29, 1989	7	--	7	--	--	8	4	25	5	3	--	52
DEC. 22, 1989	20	--	20	3	--	6	6	5	12	3	--	55
DEC. 15, 1989	14	--	14	--	--	10	5	10	8	2	--	49
DEC. 8, 1989	14	--	14	7	--	2	3	8	2	1	2	39
TOTAL U.S.	385	--	385	55	3	189	327	686	177	158	244	2,224
TOTAL U.S. Weeks Ended:												
DEC. 22, 1989	378	--	378	13	3	90	433*	323*	186	353	9	1,788*
DEC. 15, 1989	361	21	340	123	3	202	454*	648	207	145	192	2,335*
DEC. 8, 1989	387	--	387	104	3	52	164	480	304	299	158	1,951
DEC. 30, 1988	199	--	199	176	3	122	292	886	274	216	485	2,653

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

REVISIONS

12/15/89	PAGE 5	DISTILLATE (INC. NO. 4)	CENTRAL ATLANTIC	323
			DISTRICT 1 TOTAL	431
			TOTAL U.S.	454
		TOTAL	CENTRAL ATLANTIC	1,275
			DISTRICT 1 TOTAL	1,779
			TOTAL U.S.	2,335
12/22/89	PAGE 3	UNFINISHED OILS	DISTRICT 2 TOTAL	17,642
			TOTAL U.S.	105,581
			DISTRICTS 1-4	83,546
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	5,830
			DISTRICT 5 TOTAL	335
			TOTAL U.S.	6,165
		CANADIAN CRUDE OIL	DISTRICT 5 TOTAL	29
			TOTAL U.S.	677
		CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	256,895
			DISTRICT 5 TOTAL	85,119
			TOTAL U.S.	342,014
	PAGE 4 B	TOTAL	PAD DISTRICT 3	160,737
			TOTAL PAD DISTRICTS 1-4	256,895
			PAD DISTRICT 5	85,119
			TOTAL U.S.	342,014
	PAGE 5	DISTILLATE (INC. NO. 4)	CENTRAL ATLANTIC	166
			DISTRICT 1 TOTAL	408
			TOTAL U.S.	433
		RESIDUAL FUEL	CENTRAL ATLANTIC	216
			DISTRICT 1 TOTAL	308
			TOTAL U.S.	323
		TOTAL	CENTRAL ATLANTIC	850
			DISTRICT 1 TOTAL	1,293
			TOTAL U.S.	1,788